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Notice of Allowability	Application No.	Applicant(s)
	10/722,690	UEHARA ET AL.
	Examiner	Art Unit
	John S. Maples	1745
The MAILING DATE of this communication appe All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIG of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in or other appropriate comming GHTS. This application is some GHTS.	n this application. If not included unication will be mailed in due course. THIS
1. This communication is responsive to	-	
2. The allowed claim(s) is/are <u>1-4</u> .		
3. \boxtimes The drawings filed on <u>24 November 2003</u> are accepted by	the Examiner.	
 4. Acknowledgment is made of a claim for foreign priority unally All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE" of the priority documents have	been received. been received in Application cuments have been received of this communication to file	on No d in this national stage application from the
noted below. Failure to timely comply will result in ABANDONMETHIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 5. A SUBSTITUTE OATH OR DECLARATION must be submit INFORMAL PATENT APPLICATION (PTO-152) which give:	tted. Note the attached EXA	AMINER'S AMENDMENT or NOTICE OF declaration is deficient.
6. \square CORRECTED DRAWINGS (as "replacement sheets") must	: be submitted.	
(a) ☐ including changes required by the Notice of Draftsperso	on's Patent Drawing Reviev	v (PTO-948) attached
1) hereto or 2) to Paper No./Mail Date		
(b) ☐ including changes required by the attached Examiner's Paper No./Mail Date	Amendment / Comment or	in the Office action of
Identifying indicia such as the application number (see 37 CFR 1.8 each sheet. Replacement sheet(s) should be labeled as such in th	34(c)) should be written on the e header according to 37 CF	ie drawings in the front (not the back) of R 1.121(d).
7. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.		
Attachment(s)		
1. Notice of References Cited (PTO-892)	5. Notice of Inf	formal Patent Application (PTO-152)
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	6. Interview Su	ummary (PTO-413),
 Information Disclosure Statements (PTO-1449 or PTO/SB/08 Paper No./Mail Date 	Paper No./I β), 7. ☐ Examiner's	Mail Date Amendment/Comment
4. Examiner's Comment Regarding Requirement for Deposit		Statement of Reasons for Allowance
of Biological Material	9. Other	a.

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The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Skala et al. describe a method for controlling the oxidant injection to a reactor in combination with a fuel cell; Ueda et al. set forth means to control the reactant gas supplying unit and the discharged reactant gas flow in a fuel cell system and Keskula et al. disclose a control system and method to deliver oxidant to a fuel cell including utilizing various signals and commands to determine oxidant amount.

The following is an examiner's statement of reasons for allowance: none of the 2. prior art of record teach the method for controlling the flow rate of an oxidizer in a fuel cell including a compressor that provides oxidizer to the cell, a back pressure valve to control pressure of the oxidizer and which is located downstream of the cell and a control device that controls the compressor, the valve and the cell. The method includes the steps of calculating an oxidizer pressure command and an oxidizer flow rate command that is determined by the control device on a given electrical current command. A first flow rate and a second flow rate, which rates are each based on various oxidizer flow rates are compared and then the oxidizer flow rate command is regulated to be within the range of the second flow rate to the first flow rate. None of the art of record set forth these specific steps of controlling the oxidizer rate in a fuel cell. The closest prior art, Keskula et al., does not utilize the same commands as applicant has claimed including those listed above. No comparison of different flow rates is taught in the reference to Keskula et al.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

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accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to John S. Maples whose telephone number is 571-272-1287. The examiner can normally be reached on Monday-Thursday from 6:15-3:45.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Patrick Ryan can be reached on 571-272-1292. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

John S. Maples
Primary Examiner
Art Unit 1745

JSM/8-4-2004